

WHAT IS CLAIMED IS:

1. An image processing apparatus, comprising:
 - a first storage medium for storing a control program;
 - a control device for controlling image processing of the image processing apparatus by the control program stored in the first storage medium;
 - a transfer device for transferring the control program from an external device to the first storage medium;
 - a nonvolatile second storage medium for storing a transfer state of the control program;
 - an optional device; and
 - a power supply control device for controlling power supply to the optional device in response to the transfer state stored in the second storage medium.
2. The image processing apparatus as defined in claim 1, further comprising:
 - a write device for writing data that indicates transfer is proceeding onto the second storage medium when transfer of the control program is started, and writing data that indicates transfer is not proceeding onto the second storage medium when transfer of the control program is normally completed.
3. The image processing apparatus as defined in claim 1, further comprising:
 - a confirmation device for confirming the transfer state stored in the second storage medium when power is applied to the

image processing apparatus.

4. The image processing apparatus as defined in claim 3, wherein power supply to the optional device is stopped when it is confirmed by the confirmation device that the data indicating that transfer is processing is stored in the second storage medium.

5. The image processing apparatus as defined in claim 1, further comprising:

a confirmation device for confirming presence of the second storage medium when power is applied to the image processing apparatus.

6. The image processing apparatus as defined in claim 5, wherein power supply to the optional device is stopped when it is confirmed by the confirmation device that the second storage medium is not present.

7. An image forming apparatus, comprising:
a main body for forming images on paper sheets;
an optional device;
a first storage medium for storing a control program;
a control device for controlling image formation of the image forming apparatus by the control program stored in the first storage medium;

a transfer device for transferring the control program from an external device to the first storage medium;

a nonvolatile second storage medium for storing a

transfer state of the control program; and

a power supply control device for controlling power supply to the optional device in response to the transfer state stored in the second storage medium.

8. The image forming apparatus as defined in claim 7, further comprising:

a write device for writing data that indicates transfer is proceeding onto the second storage medium when transfer of the control program is started, and writing data that indicates transfer is not proceeding onto the second storage medium when transfer of the control program is normally completed.

9. The image forming apparatus as defined in claim 7, further comprising:

a confirmation device for confirming the transfer state stored in the second storage medium when power is applied to the image forming apparatus.

10. The image forming apparatus as defined in claim 9, wherein power supply to the optional device is stopped when it is confirmed by the confirmation device that the data indicating that transfer is processing is stored in the second storage medium.

11. The image forming apparatus as defined in claim 7, further comprising:

a confirmation device for confirming presence of the second storage medium when power is applied to the image forming

apparatus.

12. The image forming apparatus as defined in claim 11,
wherein power supply to the optional device is stopped
when it is confirmed by the confirmation device that the second
storage medium is not present.